IN THE CLAIMS:

1-349 (cancelled)

350. (new) An anchor for attaching to a stomach wall of a stomach, the anchor comprising:

a functional portion configured to perform a therapeutic or diagnostic function at the stomach; and

a securing portion operative to extend from within the stomach into the stomach wall in a direction substantially perpendicular to a plane of smoothstomach muscle contractions to thereby secure the attachment device to the stomach wall, wherein said functional portion comprises a therapeutic agent delivery device.

351. (new) An anchor for attaching to a stomach wall of a stomach, the anchor comprising:

a functional portion configured to perform a therapeutic or diagnostic function at the stomach; and

a securing portion operative to extend from within the stomach into the stomach wall in a direction substantially perpendicular to a plane of smooth stomach muscle contractions to thereby secure the attachment device to the stomach wall, wherein said securing portion includes an electrode located thereon.

352. (new) An anchor for attaching to a stomach wall of a stomach, the anchor comprising:

a functional portion configured to perform a therapeutic or diagnostic function at the stomach;

a securing portion operative to extend from within the stomach into the stomach wall in a direction substantially perpendicular to a plane of smooth stomach muscle contractions to thereby secure the attachment device to the stomach wall; and

an electronic circuit configured to provide electrically stimulating pulses to a stomach wall through said electrode.

353. (new) An anchor for attaching to a stomach wall of a stomach, the anchor comprising:

a functional portion configured to perform a therapeutic diagnostic function at the stomach; and

a securing portion having a proximal portion and a distal portion having an expandable portion wherein the securing portion is operative to extend from within the stomach into the stomach wall with the proximal portion remaining in the stomach and the distal portion extending at least in part through the stomach wall with the expandable portion expanded to thereby secure the anchor to the stomach wall.

354. (new) The anchor of claim 353 wherein said expandable distal portion comprises at least one laterally extending member.

355. (new) The anchor of claim 354 wherein said at least one laterally extending member is configured to secure the anchor to the stomach wall.

356. (new) The anchor of claim 354 wherein said at least one laterally extending member comprises an electrode located thereon.

357. (new) The anchor of claim 354 wherein said expandable distal portion comprises an inflatable member.

358. (new) The anchor of claim 356 further comprising:

an inflation lumen in fluid communication with said inflatable member and an inflation medium for inflating said inflatable member.

359. (new) The anchor of claim 357 wherein said inflation medium comprises a curable polymer.

360. (new) The anchor of claim 353 wherein said expandable distal portion comprises a spring mechanism biased in an expanded position.

361. (new) The anchor of claim 353 wherein said expandable member is arranged to expand adjacent an outer surface of the stomach wall.

362. (new) The anchor of claim 353 wherein said securing portion further comprises a bumper arranged to engage said attachment device so that said bumper abuts the inner surface of the stomach wall.

363. (new) A method of attaching a stimulating electrode to a stomach wall comprising the steps of:

providing an anchor including a securing portion;

advancing the anchor through the esophagus and towards an attachment site within the stomach, and attaching the anchor to the attachment site;

providing an electrically stimulating electrode;

advancing the electrically stimulating electrode through the esophagus and towards a stimulating site within the stomach;

positioning the electrically stimulating electrode
in electrical contact with the stomach wall.

364. (new) The method of claim 363 wherein the step of attaching the electrically stimulating electrode to the stimulating site comprises: attaching the electrically stimulating electrode to the stimulating site so that the electrode is coupled to the anchor.